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**MIAMI-DADE COUNTY, FLORIDA  
NOTICE TO PROFESSIONAL CONSULTANTS (NTPC)  
WATER AND SEWER DEPARTMENT  
ENGINEERING DESIGN AND RELATED SERVICES FOR THE DESIGN OF A  
SMALL DIAMETER WATER AND WASTEWATER PIPELINES FOR THE WATER  
AND SEWER DEPARTMENT'S WASTEWATER AND WATER COLLECTION,  
TRANSMISSION AND DISTRIBUTION SYSTEM.  
ISD PROJECT NO. E15-WASD-03B (Measures)**

The County Mayor of Miami-Dade County (County), pursuant to Chapter 287.055, Florida Statutes, 2-81.1, 2-8.2.12 and 2-10.4 of the Miami-Dade County Code Water, Administrative Order 3-39 and Ordinance 14-77, announces that the Miami-Dade Water and Sewer Department (WASD) will require professional engineering design and related services from two (2) qualified Consultants, related to WASD's other capital improvement needs identified in the Multi-Year Capital Improvement Plan (CIP).

This project will consist of providing comprehensive engineering services for utility design, including planning and permitting assistance during construction for system upgrades to small water and sewer pipelines. The projects could be for the rehabilitation or replacement or for new water distribution and sewage collection and transmission facilities with pipe diameters less than 36-inches in diameter.

WASD is the primary provider of water and wastewater services to Miami-Dade County, serving a population of over 2.3 million, making it among the largest water/wastewater utilities in the United States. WASD has developed a Multi-Year CIP to upgrade its facilities and infrastructure system throughout the County in order to renew and replace its existing deteriorated system, to ensure efficient, proper management, operation and maintenance practices and to accommodate future growth and development.

The scope of services consists of complete design services, which includes but is not limited to: performing preliminary route analysis, site investigations, surveying, maintenance of traffic plans, hydraulic analysis, coordinating with other utilities, coordinating with other municipalities and the public, preparing design reports, preparing drawings and contract specifications, preparing design-build criteria packages, assisting during the permitting and procurement phases and providing engineering support during construction. Engineering support during construction is anticipated to include, but is not limited to: periodic site inspections, attending meetings, reviewing shop drawings, responding to requests for information, reviewing claims and potential change orders, reviewing contract schedules and schedule of values and reviewing as-built drawings. Project coordination services are anticipated to include, but are not limited to: establishing a plan to implement projects, establishing and tracking project schedules, budgets and deadlines, preparing status reports and attending meetings as requested.

Two (2) qualified firms will be retained under two (2) non-exclusive Professional Services Agreement (PSA) for an effective term of six (6) years with one (1) two (2) year option-to-renew. The estimated total cost of each PSA is \$4,400,000.00, inclusive of contingencies.

The firm providing these services must be certified in the following technical categories and the respective percentages of the disciplines as indicated below:

**A/E TECHNICAL CERTIFICATION REQUIREMENTS**

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**6.01 Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission (PRIME)**

**17.00 Engineering Construction Management (PRIME)**

15.01 Surveying and Mapping – Land Surveying

16.00 General Civil Engineering

**Experience and Qualifications**

1. The Team submitting a proposal should be experienced in all phases of design, permitting and construction management of water transmission systems and wastewater transmission systems.
2. The Team should demonstrate their successful experience with design, permitting and construction management of various types of pipe materials, including polyvinyl chloride, high density polyethylene, concrete pressure pipe and ductile iron.
3. The Team shall provide descriptions of at least one (1) successfully designed, constructed and operating major new or upgraded water transmission pipeline and wastewater collection and wastewater transmission pipeline in which the Team member has served as the designer. For projects in which the Team member has served as the design consultant, the consultant shall provide the name and contact information for a Utility Executive with the Utility they served as the design consultant who can confirm their role. The descriptions shall include the client (i.e., municipality or agency), key project staff, the project name, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the prime firm, the achievements (e.g., projects delivered on schedule, dollars saved, innovative designs implemented, new technology utilized) and a client reference and contact information.
4. The Subconsultants shall provide a description of at least one (1) project that is relevant to this Scope of Work specific to their proposed responsibilities. The descriptions shall include the client (i.e., municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), and the specific role of the subconsultant firm, the project's achievements and client reference and contact information.

**Small Business Contract Measure Recommendation**

Goals determined for this solicitation – **20% SBE/AE**